| <br> | <br>laim | _ |
|------|----------|---|
|      |          |   |

| Application No. | Applicant(s)        | - |
|-----------------|---------------------|---|
| 10/795,805      | SQUIRES, RICHARD K. |   |
| Examiner        | Art Unit            | _ |
| Thai-Ba Trieu   | 3748                |   |

| √ | Rejected |
|---|----------|
| 1 | Allowed  |

| _ | (Through numeral)<br>Cancelled |
|---|--------------------------------|
| ÷ | Restricted                     |

| N | Non-Elected  |  |
|---|--------------|--|
| _ | Interference |  |

| A | Appeal   |
|---|----------|
| 0 | Objected |

|       |  | _                                     |          |          |               |          | ,        |  |          |                |
|-------|--|---------------------------------------|----------|----------|---------------|----------|----------|--|----------|----------------|
| Cla   | im   | Г                                     |          |          | -             | Date     | <u>—</u> |  |          |                |
| Final | Originat   | 9/29/04                               | 3/11/05  | 7/25/05  |               |          |          |  |          |                |
|       | 1  | 1                                     | -        | -        |               | Г        |          |  |          |                |
|       | 2  | V                                     | -        | -        |               |          |          |  |          |                |
|       | 3  | 1                                     | -        | ·        |               |          |          |  |          |                |
|       | 1<br>2<br>3<br>4<br>5  | ✓                                     | -        | ٠        |               |          |          |  |          |                |
|       | 5  | ✓                                     | •        | •        |               |          |          | L  |          |                |
|       | 6  |                                       | Ŀ        | Ŀ        | _             | _        | _        | _  | _        |                |
|       | 7  | ✓                                     | -        | -        | <u> </u>      |          | _        | L.   | <u> </u> | Ш              |
|       | 8<br>9<br>10<br>11<br>12<br>13<br>14<br>15<br>16<br>17<br>18<br>19<br>20<br>21<br>22<br>23<br>24<br>25<br>26<br>27<br>28<br>29<br>30<br>31<br>32<br>33 | V                                     | Ŀ        | Ŀ        | <u> </u>      | _        | <u> </u> | <u> </u>   | ├_       | Щ              |
|       | 9  | 1                                     | -        | <u> </u> | <u> </u>      | ├-       | <u> </u> | ┝  | ⊢        | Н              |
|       | 10   | \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ | -        | Ŀ        | <u> </u>      | _        | _        | -  | ├-       | Н              |
|       | 12   | \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ | -        | ÷        | <del> </del>  | -        | _        | ┢  | ├        | Н              |
|       | 13   | 7                                     | Ė        | -        | <del></del>   |          |          | $\vdash$   | ┢        | Н              |
|       | 14   | ·/                                    | -        | Ė        | ┢             | ┝        | ┢        | ├  | ┢        | Н              |
|       | 15   | 1/                                    |          | -        |               |          | -        |  | ┢        | Н              |
|       | 16   | Ĭ,                                    | •        | -        | $\vdash$      |          | ┢        | <del>                                     </del> | $\vdash$ | Н              |
|       | 17   | Ĭ                                     | -        | -        | _             | _        | $\vdash$ |  |          |                |
|       | 18   | Ì                                     | -        | -        |               |          |          |  |          | Н              |
|       | 19   | V                                     | -        | -        | $\vdash$      |          |          |  |          | П              |
|       | 20   | <b>√</b>                              | -        | -        |               |          |          |  |          | П              |
|       | 21   | ✓                                     | -        | -        |               |          |          |  |          |                |
|       | 22   | V                                     | •        | •        |               |          |          |  |          |                |
|       | 23   | ✓                                     | •        |          |               |          |          |  |          |                |
|       | 24   | ✓                                     | -        | •        |               | L        |          | _  | L        | Ш              |
|       | 25   | ✓                                     | -        | -        |               | L        |          | <u> </u>   | _        | Щ              |
|       | 26   | 1                                     | _        | -        |               |          |          | <u> </u>   | <u> </u> | Щ              |
|       | 27   | V                                     | -        | -        | _             | _        | _        | <u> </u>   | L        | $\dashv$       |
|       | 28   | \<br>'                                | •        | -        | _             | -        | -        | ├—   | -        | Н              |
|       | 29   | \<br>/                                | -        | Ŀ        |               | -        | <u> </u> | _  | H        | H              |
|       | 31   | 7                                     | -        | ŀ        |               | -        | -        |  | H        |                |
|       | 31   | ·/                                    | ÷        | Ė        | _             | -        | ┝        | ┝  | -        | $\vdash$       |
|       | 33   | <del>1</del>                          | ÷        | -        |               | $\vdash$ | <u> </u> | $\vdash$   |          | $\vdash$       |
|       | 34   | V                                     | -        | -        |               |          | <u> </u> |  |          |                |
|       | 34<br>35   | V                                     |          | -        |               |          |          | _  |          |                |
|       | 36   | V                                     | -        | -        | $\overline{}$ |          |          |  |          |                |
|       | 37   | √                                     | ·<br>✓   | •        |               |          |          |  |          |                |
|       | 38   |                                       | ✓        | ✓        |               |          |          |  |          |                |
|       | 39   |                                       | √        | V        |               |          |          |  |          |                |
|       | 40   |                                       | ✓        | √,       | _             |          | _        | _  | _        |                |
|       | 41   |                                       | ,<br> <  | <b>√</b> |               |          | <u> </u> | <u> </u>   | <u> </u> | Щ              |
|       | 42   |                                       | Ý        | ✓        |               | <u> </u> | <u> </u> | <u> </u>   | _        | $\sqcup$       |
|       | 43   | <u> </u>                              | √,       | -,       |               |          |          | <u> </u>   |          | Ш              |
|       | 44<br>45   |                                       | √<br>/   | 7        | -             |          | <u> </u> | $\vdash$   |          | Н              |
|       | 46   | $\vdash$                              | √<br>/   | √<br>_/  | $\vdash$      | <u> </u> |          | -  | -        | $\vdash$       |
|       | 46   | $\vdash$                              | <b>√</b> | > >      | -             | -        | <u> </u> |  |          | $\dashv$       |
|       | 48   | $\vdash$                              | <b>∨</b> | <b>∨</b> |               | H        | Η,       | H  | $\vdash$ | Н              |
|       | 49   | $\vdash$                              | <b>√</b> | < <      | -             | $\vdash$ | $\vdash$ | -  | Н        | $\vdash\vdash$ |
|       | 73   | $\vdash$                              |          |          | _             |          |          | Ь.   | $\vdash$ | Ш              |

|          | Cla  | Claim Date   |               |  |          |   |          |          |          |            |                |
|----------|--|--|---------------|--|----------|---|----------|----------|----------|------------|----------------|
|          | <u> </u>                                       |  |               |  |          | $\overline{}$   |          | Ť        | ſ        | Г          | П              |
|          | =  | Original   | 9/29/04       | 3/11/05                                | 7/25/05  |   |          |          | ŀ        |            |                |
| I        | Final  | <u>:</u>   | 59/           | 11/                                    | 25/      |   |          |          |          |            |                |
|          | "  | ō  | 6             | 3                                      | 11       |   |          |          |          |            |                |
|          |  | E1   |               | ,                                      | ,        |   | -        | -        | -        | -          | $\vdash$       |
|          | <del>                                   </del> | 51<br>52<br>53<br>54<br>55<br>56<br>57   | $\vdash$      | くくくくく                                  | > >      |   | -        | _        | -        | ⊢          | Н              |
| -        | -  | 52   | _             | Į,                                     | _        |   | <u> </u> | -        | <u> </u> | ⊩          | $\vdash\vdash$ |
| _        |  | 53   | _             | Ϋ́                                     | =        | _   | <u> </u> | _        |          | _          |                |
|          |  | 54   | _             | V                                      | -        |   | _        |          |          | -          | Н              |
| ᆜ        | :  | 55   |               | Ϋ́                                     | =        |   |          | -        | _        | <u> </u>   | Н              |
|          |  | 56   | _             | ✓                                      | =        |   | _        | _        | <u> </u> | <u> </u>   | Ш              |
| _        |  | 57   |               | ✓                                      | _        | _   | _        | _        | Ŀ        | <u> </u>   |                |
| 4        |  | 58   |               | V                                      | -        | _   | _        | _        |          | <u> </u>   | $\square$      |
| ᆜ        |  | 58<br>59<br>60   |               | ✓                                      | Ξ        |   | _        | _        | _        |            |                |
|          |  | 60   |               | ✓                                      | =        |   | L        | _        | <u> </u> | <u> </u>   | Ш              |
| _        |  | 61   |               | ✓                                      | =        |   | <u> </u> | <u> </u> | _        | _          | Ш              |
|          | ·  | 62   | L             | l √                                    | =        |   | _        | _        | _        | <u> </u>   | Ш              |
|          | ·  | 63   |               | ✓                                      | =        | Ш   |          |          | <u> </u> | L          | Ш              |
|          | L  | 64   | oxdot         | ✓                                      | =        | $ldsymbol{ld}}}}}}$ | _        | <u> </u> | <u> </u> | <u> </u>   | Ш              |
|          |  | 65   |               | ✓                                      | ✓        |   | oxdot    | _        | <u> </u> | <u> </u>   | Ш              |
|          | <u> </u>                                       | 66   | $oxed{oxed}$  | ✓                                      | ✓        |   | $\perp$  | <u> </u> | <u> </u> | <u> </u>   | Ш              |
|          |  | 67   |               | ✓                                      | -        |   | _        | _        |          | _          | Ц              |
|          | ·  | 61<br>62<br>63<br>64<br>65<br>66<br>67<br>68<br>69<br>70<br>71<br>72<br>73<br>74<br>75<br>76<br>77<br>78<br>80<br>81<br>82<br>83 | L             | >>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>> | ✓        |   | <u> </u> | L_       | ļ        | <u> </u>   |                |
|          |  | 69   |               | ✓                                      | ✓        |   |          |          |          | _          |                |
| _        |  | 70   | _             | ✓                                      | ✓        |   |          | L        |          | lacksquare | Щ              |
|          |  | 71   |               | ✓                                      | ✓        |   |          | <u> </u> |          | <u> </u>   | Ш              |
|          |  | 72   |               | ✓                                      | ✓        |   |          | L_       |          | _          | Ш              |
|          |  | 73   |               | ✓                                      | ✓        |   | _        |          |          |            | Ш              |
|          |  | 74   |               | ✓                                      | ✓        |   |          |          |          |            |                |
|          |  | 75   |               |  | ✓        |   |          |          | _        |            |                |
| 凵        |  | 76   |               |  | ✓        |   |          |          |          |            | Ш              |
| ╝        |  | 77   |               |  | ✓        |   |          |          |          |            | Ш              |
|          |  | 78   |               |  | ✓        |   |          |          | _        |            |                |
|          |  | 79   |               |  | √        |   |          |          |          | _          |                |
|          |  | 80   |               |  | <        |   |          |          |          |            |                |
|          |  | 81   |               |  | <        |   |          |          |          |            |                |
|          |  | 82   |               |  | ✓        |   |          |          |          | Ĺ          |                |
|          |  | 83   |               |  | V        |   |          |          |          |            |                |
|          |  | 84   |               |  | V        |   |          |          |          |            |                |
|          |  | 85   |               |  |          |   |          |          |          |            |                |
|          |  | 85<br>86   |               |  | ✓        |   |          |          |          |            |                |
|          |  | l 87   |               |  | ✓        |   |          |          |          |            |                |
|          |  | 88<br>89   |               |  |          |   |          |          |          |            |                |
|          |  | 89   |               |  | 0        |   |          |          |          |            |                |
|          |  | 90   |               |  | <b>√</b> |   |          |          |          |            |                |
|          |  | 91   |               |  | <b>√</b> |   |          |          |          | Г          | П              |
| $\neg$   |  | 92   |               |  | <b>√</b> |   |          |          |          |            |                |
| $\neg$   |  | 93   |               |  | V        |   |          |          |          |            | П              |
| $\neg$   |  | 94   |               |  | ✓        |   |          |          |          |            | П              |
| $\neg$   |  | 95   |               |  | <b>✓</b> |   |          |          |          |            | П              |
| $\dashv$ |  | 96   |               |  | V        |   |          |          |          |            | М              |
| $\neg$   |  | 97   |               |  | ✓        | $\Box$  |          |          | $\Box$   | Г          | $\sqcap$       |
| $\dashv$ |  | 98   | $\overline{}$ |  | ✓        | $\neg$  |          |          | $\Box$   | _          | $\vdash$       |
| $\neg$   |  | 99   | _             | $\neg$                                 | 7        |   |          |          |          |            | П              |
| $\dashv$ |  | 100  |               |  | Ż        |   |          |          |          | Т          | П              |
|          |  |  |               |  |          |   |          |          | _        | _          | لـــا          |

| Cla   | aim   | <b> </b>     | _       |  | [        | Date   | _        | _        | _                                   | ┈┤ |
|-------|---|--------------|---------|--|----------|--|----------|----------|-------------------------------------|----|
| Final | Original  | 9/29/04      | 3/11/05 |  |          |  |          |          |                                     |    |
|       | 101<br>102<br>103<br>104<br>105   |              |         | <b>√</b>                               |          |  |          |          |                                     | П  |
|       | 102   | П            | _       | Ĭ                                      |          |  |          |          |                                     | П  |
|       | 103   |              |         | <b>√</b>                               |          |  |          |          |                                     | П  |
|       | 104   |              |         | ✓                                      |          |  |          |          |                                     | П  |
|       | 105   |              |         | <b>√</b>                               |          |  |          |          |                                     | П  |
| •     | 106   |              |         | <b>√</b>                               |          |  |          |          |                                     | П  |
|       | 107   |              |         | ✓                                      |          |  |          |          |                                     |    |
|       | 108   |              |         | >                                      |          |  |          |          |                                     |    |
|       | 109   |              |         | √                                      |          |  |          |          |                                     |    |
|       | 110   |              |         | >                                      |          |  |          |          |                                     |    |
|       | 106<br>107<br>108<br>109<br>110<br>111<br>112<br>113<br>114<br>115<br>116<br>117<br>118<br>120<br>121<br>122<br>123<br>124<br>125<br>126<br>127<br>128<br>129<br>130<br>131<br>132<br>133<br>134<br>135<br>137<br>138<br>139<br>140 |              |         | >>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>> |          |  |          |          |                                     |    |
|       | 112   |              |         | V                                      |          |  |          |          |                                     | Ш  |
|       | 113   |              |         | V                                      |          |  |          |          |                                     |    |
|       | 114   |              |         | V                                      |          |  |          |          |                                     |    |
|       | 115   |              |         |  |          | تــــــــــــــــــــــــــــــــــــــ      | L        |          |                                     | Ш  |
|       | 116   |              |         | ✓                                      | _        |  | L_       | _        | $ldsymbol{ldsymbol{ldsymbol{eta}}}$ | Ш  |
|       | 117   |              | L       | ✓                                      |          |  |          | <u> </u> | _                                   | Ш  |
|       | 118   |              |         | ✓                                      | <u></u>  |  |          | _        | <u> </u>                            | Ш  |
|       | 119   |              |         | ✓                                      |          |  |          | L        |                                     | Ш  |
|       | 120   |              |         | ✓                                      |          |  |          |          | L                                   |    |
|       | 121   |              |         | ✓                                      |          |  |          | _        | L                                   |    |
|       | 122   |              |         | <b>√</b>                               |          |  |          |          |                                     |    |
|       | 123   |              |         | ✓                                      |          |  |          |          |                                     |    |
|       | 124   |              |         |  |          |  | _        | L        | L                                   | Ш  |
|       | 125   |              |         |  |          |  |          |          | L                                   |    |
|       | 126   |              |         |  |          |  |          | L        | <u> </u>                            | Ш  |
|       | 127   |              |         |  |          |  |          |          |                                     | Щ  |
|       | 128   |              |         |  |          | L  |          | L        | _                                   | Ш  |
|       | 129   |              |         |  |          |  |          |          | _                                   |    |
|       | 130   |              |         | L                                      |          |  |          | <u> </u> |                                     | ·  |
|       | 131   |              |         |  |          |  |          | _        | _                                   | Ш  |
|       | 132   |              |         |  |          | <u> </u>                                     |          |          |                                     | Ш  |
|       | 133   |              |         |  |          |  |          |          |                                     |    |
|       | 134   |              |         |  |          | _  |          |          | <u> </u>                            | Ш  |
|       | 135   |              |         |  |          | _  | _        | _        | _                                   | Ш  |
|       | 136   |              |         |  |          |  |          | <u> </u> | <u> </u>                            | Ш  |
|       | 137   |              |         | $\Box$                                 | L.       | _  | <u></u>  | <u> </u> | 匚                                   | Ш  |
|       | 138   |              |         |  | <u> </u> | <u> </u>                                     |          | <u> </u> | _                                   | Ш  |
|       | 139   |              |         | $ldsymbol{ldsymbol{ldsymbol{eta}}}$    |          | L_   | _        | _        | <u> </u>                            | Ш  |
|       | 140   | $oxed{oxed}$ |         | L_                                     |          | <u> </u>                                     | <u> </u> | <u> </u> | L                                   | Ш  |
|       | 141   | <u> </u>     | Ш       | Щ                                      | Щ.       | <u> </u>                                     | L.       | <u> </u> | <u> </u>                            | Ш  |
|       | 142   | <u> </u>     | Ш       | L                                      | <u> </u> | $ldsymbol{ldsymbol{ldsymbol{ldsymbol{eta}}}$ | L        | <u> </u> | <u> </u>                            | Ш  |
|       | 143   |              |         | <u> </u>                               | Щ.       | <u> </u>                                     |          | <u> </u> | L                                   | Ш  |
|       | 144   | Ш            | Ш       | Ш                                      | Щ        | <u> </u>                                     |          | <u> </u> | <u> </u>                            | Ш  |
|       | 145   |              |         |  |          | ļ  |          | _        | L_                                  | Ш  |
|       | 146   | $\perp$      |         |  |          | L.   |          |          | <u> </u>                            | Ш  |
|       | 147   |              |         |  | Ш        | L_   |          | <u> </u> | <u> </u>                            | Ш  |
|       | 148   |              |         |  |          | L  |          |          |                                     | Ш  |
|       | 149   |              |         |  |          |  | _        |          | L_                                  | Ц  |
|       | 150   |              |         |  |          |  | _        |          | L                                   | Ш  |
|       |   |              |         |  |          |  |          |          |                                     |    |